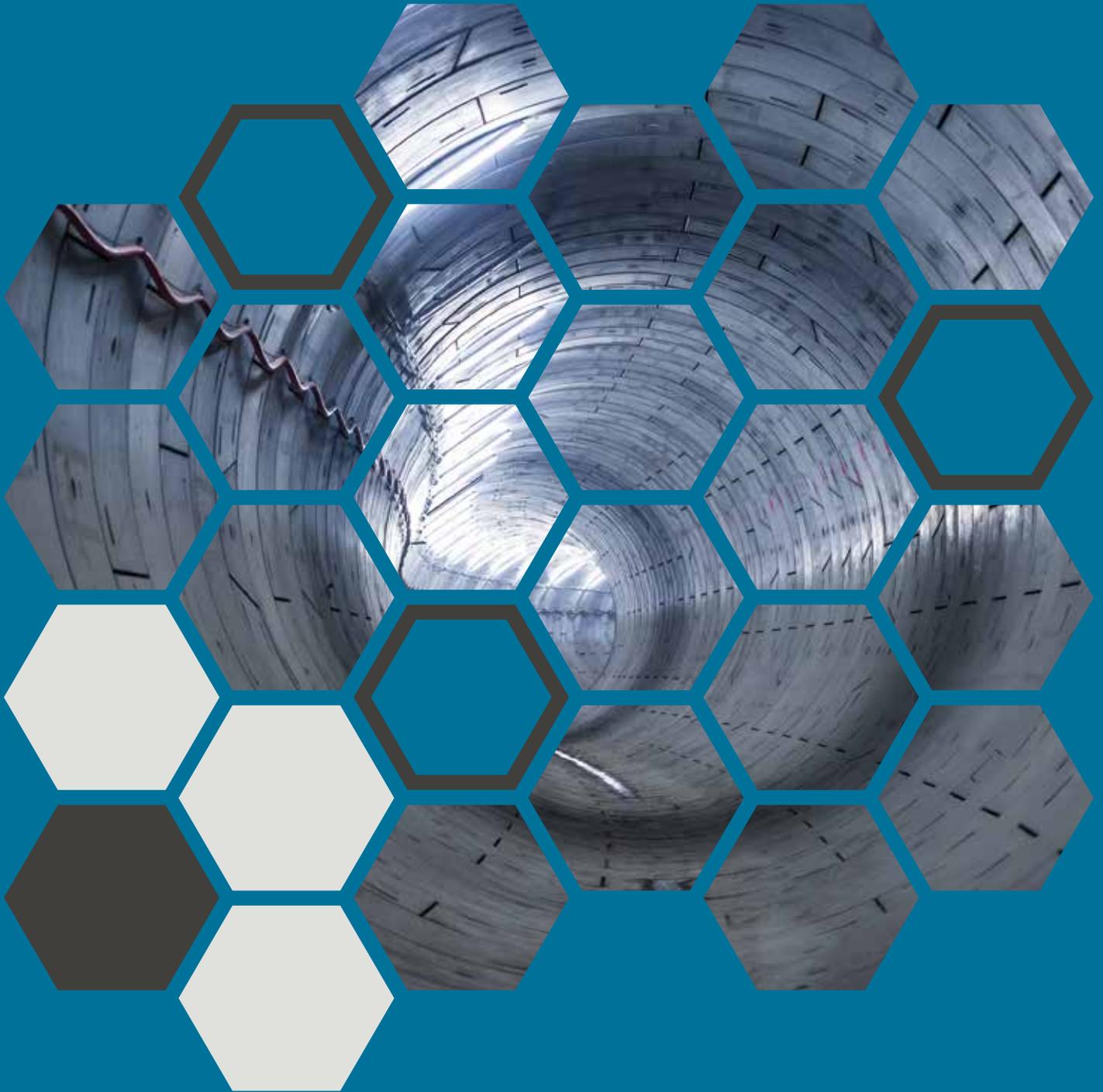
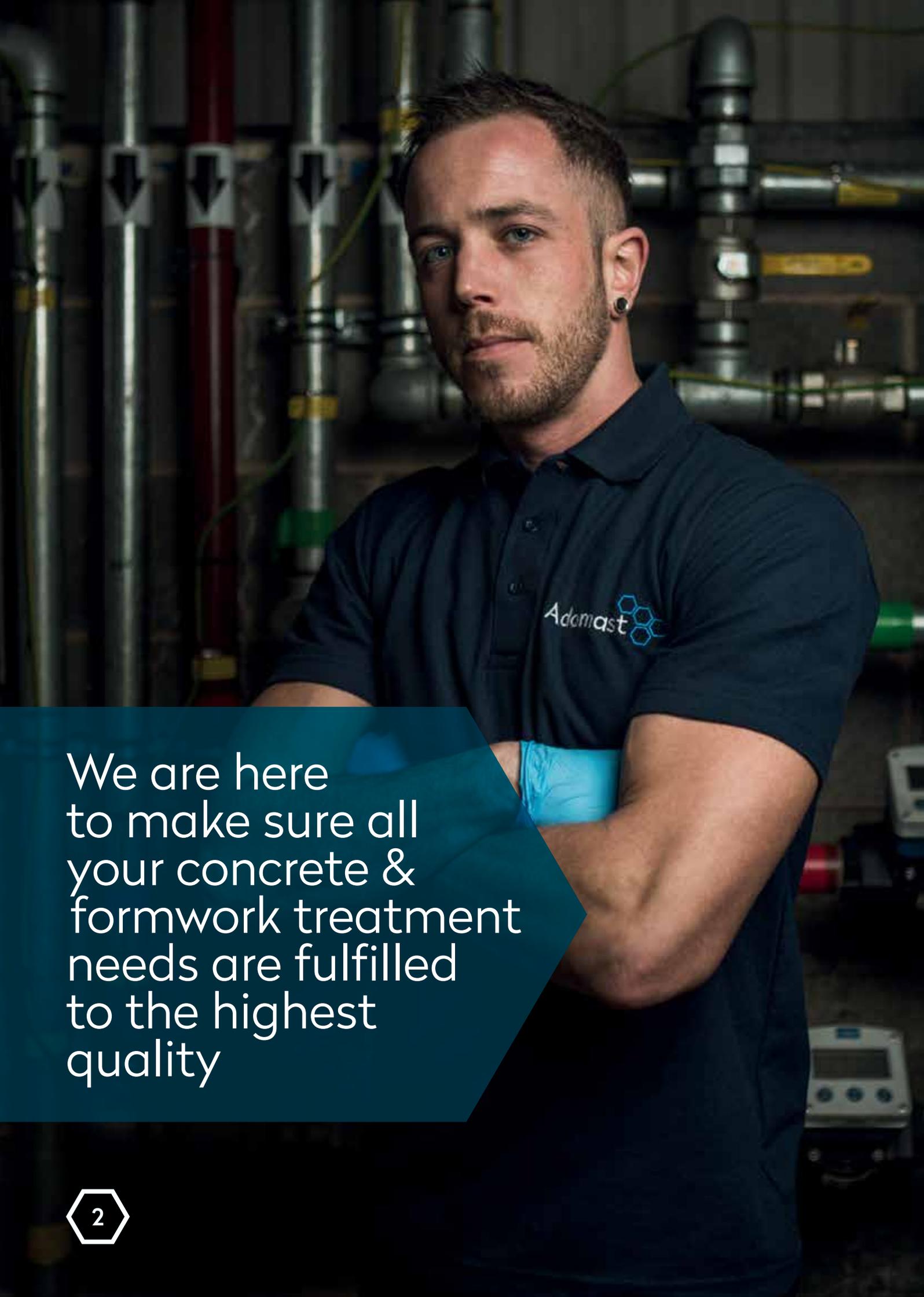


# CONCRETE CHEMICALS





We are here  
to make sure all  
your concrete &  
formwork treatment  
needs are fulfilled  
to the highest  
quality

# Quality Products from Adomast Manufacturing

Adomast Manufacturing Ltd, have been creating specialist products for the construction industry for a number of years and have built a solid reputation for supplying high quality products at supremely competitive prices.

Adomast offer a comprehensive range of products and are constantly updating old technology with the latest scientific knowledge, focusing on an increasingly environmentally conscious industry without compromising performance or quality.

Adomast Manufacturing Ltd is an ISO9001 Quality Assured Company.

## Available Volumes & Weights

The image displays a variety of product packaging options arranged in a grid. Each product is shown in a hexagonal frame with a label below it:

- 300ml (small bottle)
- 1L (spray bottle)
- 1L (jerrycan)
- 1.2kg (jar)
- 5L (bucket)
- 5kg (metal can)
- 1L (small bucket)
- 8kg (medium bucket)
- 25kg (large bucket)
- 1.2kg (small bag)
- 5L (jerrycan)
- 5kg (jerrycan)
- 20kg (small jerrycan)
- 25kg (medium bag)
- 20L (large jerrycan)
- 25L (large jerrycan)
- 205L (drum)
- IBC (Intermediate Bulk Container)

Whenever you see the following symbols the product is:

- ECO** Environmentally Friendly
- WRAS** Water Regulations Advisory Scheme Approved
- SAFE** Safe Non-Hazardous
- CE** CE Approved

# Mould Release Agents & Formwork Treatments

## Adolease

### General Purpose Mould Release Oil

Adolease is designed for everyday site use.

It is a low viscosity, readily applied mineral oil based mould release agent.

Designed to give reliable high performance with all types of formwork.

Adolease forms a physical barrier between the formwork and the concrete giving a quick, clean and easy release with minimum blowhole formation & providing a sharp, uniform and non-stained concrete surface.

#### Available Sizes:



Coverage: 30-40m<sup>2</sup> per litre

## Adostrip

### General Purpose Mould Release Oil

Designed for everyday site use, Adostrip is a highly efficient yet cost effective mould release agent, offering excellent coverage rates.

It forms a physical barrier between the formwork and the concrete giving a quick, clean and easy release with minimum blowhole formation and providing a sharp, uniform and non-stained concrete surface.

#### Available Sizes:



Coverage: 40-50m<sup>2</sup> per litre

## Adostrip DC

### Mould Release Agent for DRY CASTING Processes

Adostrip DC is a blend of the latest surfactant chemistry, blended with traditional release oil technology to create a release agent specifically designed for dry casting operations.

The surfactant blend present within the formulation reduces the surface tension between the concrete and the formwork face allowing a quick, clean and easy release with minimum blowhole formation and providing a sharp, uniform and non-stained concrete surface.

Suitable for use on all types of formwork.

#### Available Sizes:



Coverage: 30-40m<sup>2</sup> per litre

## Adostrike

### High Oil Content Solvent Based Mould Oil

Designed for general site and precast use, Adostrike is a higher concentration of mould release chemicals blended together to achieve the highest quality concrete finish.

Adostrike is a premium quality mould oil that offers excellent release characteristics.

It has low sag qualities which allows application long in advance of casting without loss in release performance or quality of finish.

Suitable for use on all types of formwork, even on sealed or unsealed timber in all climatic conditions.

It is highly resistant to removal by rain showers or foot traffic.

#### Available Sizes:



Coverage: 30-40m<sup>2</sup> per litre

# Safelease



## Mould Release Emulsion

Developed using the latest water soluble polymer technology, to produce an environmentally friendly and highly effective mould release agent for general site use.

A low odour, low VOC, non-staining mould release agent designed with minimum blowhole formation and providing a sharp, uniform and non-stained concrete surface.

It is particularly suited for white or fair faced concrete finishes.

### Available Sizes:



### Certified:



Coverage: 30-40m<sup>2</sup> per litre

# Safestrike XL



## Fully Biodegradable Mould Release Emulsion

Developed to produce a ready to use and stable vegetable oil based mould release emulsion, that is particularly suited to use on steel and other impervious formwork materials.

Safestrike XL is a safe, environmentally friendly, readily biodegradable and non-staining product that facilitates easy formwork release.

A low odour, low VOC mould release agent designed with minimum blowhole formation and providing a sharp, uniform and non-stained concrete surface.

Particularly suited for white or fair faced concrete finishes.

### Available Sizes:



### Certified:



Coverage: 30-40m<sup>2</sup> per litre

# Safestrike



## Maximum Concentration, Mould Release Agent

Safestrike is a blend of natural vegetable oils designed for general site and precast use.

A high concentration release oil that is easily applied and is suitable for all types of formwork, even on sealed or unsealed timber in all climatic conditions.

Highly resistant to removal by rain showers or foot traffic.

It is particularly suited for white or fair faced concrete finishes.

Safestrike is a safe, environmentally friendly, readily biodegradable and non-staining product that facilitates easy formwork release.

### Available Sizes:



### Certified:



Coverage: 30-40m<sup>2</sup> per litre

# Naturol CR2



## High Concentration, Mould Release Agent

Naturol CR2 is a blend of natural vegetable oils designed for general site and precast use.

A high concentration release oil that is easily applied and suitable for all types of formwork, even on sealed or unsealed timber in all climatic conditions.

Highly resistant to removal by rain showers or foot traffic.

It is particularly suited for white or fair faced concrete finishes.

Naturol CR2 is a safe, environmentally friendly, readily biodegradable and non-staining product that facilitates easy formwork release. Suitable for indoor and outdoor use.

### Available Sizes:



### Certified:



Coverage: 30-40m<sup>2</sup> per litre

# Mould Release Agents & Formwork Treatments

## Extracon Bio

### Fully Biodegradable Mould Release Agent

A low viscosity blend of natural vegetable oils designed for general site and precast use.

Easily applied and suitable for both indoor and outdoor use and can be used on all types of formwork.

It is particularly suited for white or fair faced concrete finishes.

Extracon Bio is a safe, environmentally friendly, readily biodegradable and non-staining product that facilitates easy formwork release giving a very high quality surface finish.

#### Available Sizes:



#### Certified:



Coverage: 30-40m<sup>2</sup> per litre

## Plastrip S

### Maximum Concentration, Low-Medium Viscosity, Mould Release Oil

Plastrip S is a chemical release agent specifically formulated to give easy release of plastic and thermoplastic mould liners, providing a high quality surface finish, but is suitable for all types of formwork.

It is easily applied and may be applied to formwork immediately prior to casting without reducing the finished quality.

Plastrip S will also offer corrosion protection to any metal surface.

#### Available Sizes:



#### Certified:



Coverage: 30-40m<sup>2</sup> per litre

## Extracon DS

### High Concentration, High Performance Mould Release Agent

Extracon DS is a chemical release agent designed for general site and precast use.

A high concentration release oil that is easily applied and suitable for all types of formwork, even on sealed or unsealed timber in all climatic conditions.

Highly resistant to removal by rain showers or foot traffic.

It is particularly suited for white or fair faced concrete finishes.

Extracon DS is a safe, non-staining release oil that facilitates easy formwork release. Extracon DS is suitable for indoor and outdoor use.

#### Available Sizes:



#### Certified:



Coverage: 30-40m<sup>2</sup> per litre

## Extracon XS

### Fast Drying Mould Release Agent

Designed for everyday site use, and on all types of formwork.

Extracon XS is a highly efficient yet cost effective mould release agent, offering excellent coverage rates.

Forming a physical barrier between the formwork and the concrete giving a quick, clean and easy release, with minimum blowhole formation and providing a sharp, uniform and non-stained concrete surface.

It is easily applied and may be applied to formwork immediately prior to casting without reducing the finished quality due to its fast drying capability.

#### Available Sizes:



Coverage: 30-40m<sup>2</sup> per litre



## Polyurethane Based Formwork Face / Surface Sealer

Adoseal is a low viscosity, low VOC, easy to use high solids, single pack moisture cured polyurethane coating.

Designed to impart a high quality, fully impervious surface lacquer finish to formwork and other porous surfaces.

This tough flexible sealing coating increases formwork life considerably. It improves concrete appearance by preventing staining from wood faced formwork.

It also improves formwork release and helps cut back on formwork cleaning time. It is easily applied by spray or brush and touch dries very quickly.

### Available Sizes:



Coverage: 7-9m<sup>2</sup> per litre



## Ready to Use, Brushable Wax Protective Coating & Mould Release Agent

Adowax is a blend of mould release oil and specially selected temperature resistant waxes.

This helps with the initial seal of porous formwork and can be used as a mould release agent where the use of liquid release oil is not practical.

It is easy to apply and helps waterproof and protect formwork in all climatic conditions and when not in use.

### Available Sizes:



Coverage: 10-12m<sup>2</sup> per litre

### Certified:



## Wax Based Coating Solution for Corrosion Protection in Concrete Plant & Formwork

Adoshield Premium is a special blend of corrosion inhibiting agents and petroleum distillates developed to be easy to use, apply and offers maximum protection to metal surfaces where prolonged storage or shipping is envisaged.

Due to the careful selection of waxes within the formulation, the degree of coating adhesion to the surface is excellent.

The advantage is the coating is not readily removed or rubbed away if the plant or formwork is moved or bumped.

Adoshield Premium is non-acidic and is suitable for use on all surfaces.

### Available Sizes:



Coverage: 10-12m<sup>2</sup> per litre



## Two Part Polyester Resin Compound for Formwork Face Repair

Adofill is a twin pack polyester resin. Designed to be rapid setting with physical and chemical properties which make it ideal for the repair of surface damage and irregularities on most types of formwork in common use.

It is simple to mix and apply, Adofill has excellent adhesive properties to most surfaces.

Once set the compound is easy to sand and smooth.

The final set resin is resistant to water, oil and alkali chemicals.

### Available Sizes:



Coverage: 2m<sup>2</sup> @ 1mm per 5kgs of Adofill



# Mould Release Agents & Formwork Treatments

## Extrapol RP2 / RP3

### Weather Protective Coating for Steel Moulds

A highly versatile, thixotropic, dewatering thin film coating which is easily applied by spraying or brushing.

It's a fast drying, rust preventing compound that is resistant to severe weather, attack by salts and other aggressive chemicals, microbes and bacteria.

Ideal for large steel moulds, where protection from the weather is difficult during application. Long term protection is afforded to metal components for storage or shipment.

It can also readily be used as a release agent for concrete casting.

#### Available Sizes:



Coverage: 5m<sup>2</sup> per litre

## Adoseal WB

### Formwork Surface & Exposed Edge Protective Sealer

High performance, chemically reactive and penetrative sealant coating that is ideal for use on timber, metal and concrete surfaces. It's particularly suited for the formwork and concreting industry.

Significantly helps improve & extend mould and formwork usage, by the deep sealing of wood fibres and providing a highly abrasive, chemically resistant coating.

Easily applied, Red Edge Sealer can be used in conjunction with polystyrene block as an adhesive and coating system, it also greatly extends the life of factory pre-sealed ply boards which have been cut or drilled.

#### Available Sizes:



Coverage: 5m<sup>2</sup> per litre

#### Certified:



## Adotape

### A Waterproof Pressure - Adhesive PVC Tape for use on all Types of Formwork

Adotape is a matt finish waterproof tape supplied at a width of 50mm. It offers excellent adhesion to formwork even where residual release agent is present on the form face. It retains flexibility at low temperatures is also suitable for use at considerably higher ambient temperatures than conventional formwork tapes. Adotape formwork jointing tape is thinner so not to mark concrete. Adotape is suitable for use with all types of release agents.

**Available in:** 33m x 50mm reels, 36 rolls per box

## Adofoam Tape

### A Tough Flexible PVC Foam Tape

AdoFoam is coated on one side with a special pressure sensitive adhesive on the opposite face with an easy-to-remove backing paper.

AdoFoam is ideal for sealing joints in formwork which are inaccessible for application of Adotape.

When compressed by 30% its reels closed cell structure effectively seals joints preventing grout loss.

**Available in:** 12mm x 6mm x 10mm, 25 rolls per box

# Admixtures

## Adoflow ACF

### Chloride Free Concrete Accelerator & Low Temperature Plasticiser

A specially formulated non-chloride, non-corrosive liquid hardening accelerator designed as a concrete accelerator and plasticiser.

It accelerates the setting time of concrete by speeding the cement hydration process and increasing the early-age strength of the concrete.

Adoflow ACF can also be used to provide safer winter concreting without delays.

#### Available Sizes:



#### Certified:



Coverage: 1L per 100kg of Portland cement

## Adoflow Extra

### Super Plasticiser for Concrete & Mortar

A liquid plasticiser and water reducing agent that imparts extremely high workability when added to a concrete mix.

Being a highly effective deflocculating agent it disperses cement paste into its primary particles, significantly increasing the flow characteristics of the paste.

This permits significant reduction in water content of normal workability concrete producing higher early and ultimate strengths.

Adoflow Extra also enables the concrete to achieve high compaction with minimal or no tamping and its increased flow assists with difficult pours.

#### Available Sizes:



Coverage: 1L per 100kg of Portland cement

## Adoflow S

### Standard Set Plasticiser

Helps up to 25% reduction in added water content for a given slump with the resultant reduction in water / cement ratio providing increased strengths.

Alternatively it can be used to increase slump by 150% without any increase in water content. It will aid workability without an increase in water / cement ratio.

Adoflow S imparts easier and speedier placing and compaction of the concrete with reduced shrinkage and minimal cracking.

#### Available Sizes:



Coverage: 0.2L per 100kg of Portland cement

## Adoprufe

### Integral Concrete & Mortar Waterproof

Adoprufe is a concentrated liquid solution of waterproofing chemicals.

When added to a concrete mix it firstly reacts physically to improve wetting properties and ensure uniform dispersion & full hydration of all cement particles.

Secondly it reacts chemically to deposit throughout the mix in all pores and capillaries an insoluble water repellent metallic stearate.

The resulting concrete is not only more dense and stronger but is also waterproof to withstand extremely high water pressures.

#### Available Sizes:



Coverage: See data sheet (online) for details

# Admixtures

## Adoplas

### Mortar Plasticiser

Adoplas mortar plasticiser is an invaluable aid to bricklaying and rendering. When added to a cement mortar mix it produces microscopic disconnected air bubbles uniformly throughout the mix that impart many benefits.

The mix becomes fatter and more cohesive, spreading more easily and hang together better. Adoplas retains water to improve bedding in and adhesion. Its frost resistance is greatly increased and requires less mixing water. Lime may be omitted without loss of yield.

Resistance to rain penetration is increased. Finishing properties are improved. Efflorescence is considerably reduced.

#### Available Sizes:



**Coverage:** 100-250ml per 50Kg cement

## Adoflow Winteraid

### Low Temperature Plasticiser

Adoflow Winteraid is a chloride-free accelerating admixture with plasticising properties.

It is ideal for use when low temperatures require an accelerated set and strength gain of the mortar or concrete.

The inclusion of Adoflow Winteraid in a mortar or concrete mix will accelerate initial and final set.

It will provide higher early strengths, increase rate of strength gain, permit earlier release of formwork, provide safer winter concreting without delays, improve workability and enable reduction in water content.

#### Available Sizes:



**Coverage:** 1250 ml to 50Kg of Portland Cement

## Adoair

### Concrete Air Entraining Agent

Adoair is a chemical formulation designed to impart the deliberate and controlled entrainment of air in concrete in the form of disconnected, uniformly dispersed microscopic air bubbles.

It helps increase the workability with lower water / cement ratio.

Offers increased resistance to passage of water through hardened concrete and produces frost resistant concrete.

#### Available Sizes:



#### Certified:



**Coverage:** See data sheet (online) for details

## Adoair PL

### Concrete Air Entraining & Plasticising Agent for Precast Concrete

Adoair PL is a chemical blend designed to impart the deliberate and controlled entrainment of air in concrete in the form of disconnected, uniformly dispersed microscopic air bubbles and water reducing chemicals to aid the plasticising properties.

Adoair PL helps improve the surface detail and surface wearing properties and help improve cast detail or corners and helps reduce breakages on concrete block formation.

The micro bubbles help produce frost resistant concrete and impart resistance to passage of water through hardened concrete.

#### Available Sizes:



#### Certified:



**Coverage:** 50-150ml per 50kg of Portland Cement

## Adoflow R

### Slows the Rate of Hydration of Cement Allowing Longer Times Between Mixing & Placing

The inclusion of Adoflow R in a concrete mix will slow the rate of hydration of the cement, to hold back initial and final set, as well as reduce the peak temperature resulting from the hydration process thereby minimising the risk of cracking.

Due to these characteristics, the inclusion of Adoflow R in a concrete mix, as well as providing all the benefits obtained from the use of a standard set plasticiser will also facilitate for a longer time available between mixing and placing and avoidance of cold joints between pours.

Also pours of greater volume with reduced risk of cracking are achievable.

#### Available Sizes:



#### Certified:



**Coverage:** 0.8-1.0 litre per 50 kg cement

## Adogrout

### Powder Based Expanding Medium which Counter-acts Settlement & Shrinkage in Cement Based Grout

A powder based plasticising agent and expanding medium. It is combined into a cement based grout prior to adding the hydrating water. The expanding technology generates gas during the hydration process to counter-act normal settlement & shrinkage and leaving a slight residual overall expansion.

Expansion takes place before initial set and a built in delaying action allows time for placing and compaction. Adogrout when added to a cementitious mix also provides a positive expansion to ensure permanent high bond to all contact surfaces. Improved flow properties with lower water / cement ratio leading to higher compressive strengths are achieved.

#### Available Sizes:



**Coverage:** 250g pack will mix with 50 Kg cement

# Concrete Curing Agents & Retarders

## Adocure WW

### Water Based Surface Hardener and Curing Agent

Adocure WW is an aqueous silicate solution that reacts to deposit an integral layer of high strength crystals in the concrete pore structure.

Helps prevent premature drying out of the concrete surface reducing the risks of surface cracking and dusting.

Improves the durability of the concrete surface.

Economical and very easy to use.

Adocure WW is also available in a fugitive dye tinted form to assist visual indication during application – **Adocure WWT**.

#### Available Sizes:



#### Certified:



Coverage: 4-6m<sup>2</sup> per litre

## Adocure Standard

### 75% Efficiency Concrete Curing Compound

Applied to the surface of freshly laid concrete, Adocure Standard physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement allowing the concrete to fully cure. This is achieved by covering the surface of the concrete with a very thin resin film that prevents moisture in the concrete from leaving the surface.

Benefits - reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting.

Adocure Standard is also available in an Aluminised Version – Adocure Standard AL to aid UV reflectivity, and in a fugitive dye tinted form to assist visual indication during application – Adocure Standard T.

#### Available Sizes:



Coverage: 4-6m<sup>2</sup> per litre

## Adocure Super

### 90% Efficiency Concrete Curing Compound

Applied to the surface of freshly laid concrete, Adocure Standard physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement thus allowing the concrete to fully cure. This is achieved by covering the surface of the concrete with a very thin resin film that prevents moisture in the concrete from leaving the surface.

Benefits - reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting.

Adocure Super available in an Aluminised version – Adocure Super AL to aid UV reflectivity, and in a fugitive dye tinted form to assist visual indication during application – Adocure Super T.

#### Available Sizes:



Coverage: 4-6m<sup>2</sup> per litre

## Adocure Sealer

### Concrete Curing & Sealing Compound

Adocure Sealer is a clear, low viscosity acrylic polymer resin solution, targeted primarily for application to surfaces of freshly laid concrete where it has a double function.

Firstly, to form a highly effective concrete curing membrane that conforms to ASTM C309 and secondly to act as an in-depth sealer for the hardened concrete rendering its surface dustproof and extremely hard wearing.

Adocure Sealer is also available for Power Floated floors – **Adocure Sealer PF**.

#### Available Sizes:



Coverage: 4-6m<sup>2</sup> per litre

# Adocure Sealer PF

## Concrete Curing & Sealing Compound for Power Floated Flooring

Adocure sealer PF is a clear, low viscosity acrylic polymer resin solution, targeted primarily for application to surfaces of freshly laid concrete that has been power floated.

It has been designed with dual functionality:

Firstly to form a highly effective concrete curing membrane that conforms to ASTM C309.

Secondly to act as an in-depth sealer for the hardened concrete rendering its surface dustproof and extremely hard wearing.

### Available Sizes:



Coverage: 4-6m<sup>2</sup> per litre

# Safecure Standard

## Aqueous Based 75% Efficiency Concrete Curing Compound

Applied to the surface of freshly laid concrete, physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement thus allowing the concrete to fully cure. This is achieved by covering the surface of the concrete with a very thin temporary membrane that prevents moisture in the concrete from leaving the surface.

Benefits - reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting.

Safecure Standard is also available in a fugitive dye tinted form to assist visual indication during application - **Safecure Standard T**.

### Available Sizes:



### Certified:



Coverage: 4-6m<sup>2</sup> per litre

# Safecure Super

## Aqueous Based 90% Efficiency Concrete Curing Compound

Applied to the surface of freshly laid concrete, Safecure Super physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement thus allowing the concrete to fully cure. This is achieved by covering the surface of the concrete with a very thin temporary membrane that prevents moisture in the concrete from leaving the surface.

Benefits - reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting.

Safecure Super is also available in a fugitive dye tinted form to assist visual indication during application - **Safecure Super T**.

### Available Sizes:



### Certified:



Coverage: 4-6m<sup>2</sup> per litre

# Safecure Sealer

## Water Based, Low VOC Concrete Curing and Sealing Compound

Safecure Sealer is a blend of high performance polyurethane and acrylic polymers, when applied to a freshly laid concrete surface they will dry to a clear film for curing, sealing and dustproofing concrete.

Safecure Sealer is suitable for use over new and old concrete and performs well on both interior and exterior concrete.

### Available Sizes:



### Certified:



Coverage: 4-6m<sup>2</sup> per litre

# Concrete Curing Agents & Retarders

## Safecure Super HP-E

### Aqueous based high efficiency concrete curing compound

Safecure Super HP-E applied to the surface of freshly laid concrete physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement thus allowing the concrete to fully cure. This is achieved by covering with a very thin temporary membrane that prevents moisture in the concrete from leaving the surface. Benefits of using include reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting.

Safecure Super HP-E is also available in a fugitive dye tinted form to assist visual indication during application – **Safecure Super HP-E T**.

#### Available Sizes:



#### Certified:



Coverage: 4-6m<sup>2</sup> per litre

## Safetard Gel

### Colour Tinted Transparent Gel Based Surface Retarder for Application to Mould Face Formwork

Safetard Gel has been formulated to retard the set of fresh concrete that comes into contact with it. It is ideally suited to the production of exposed aggregate finishes or 'keyed' surfaces for construction joints.

Suitable for all formwork types and is weather resistant.

It will not stain or discolour the concrete.

Non-hazardous and fully biodegradable.

It is most suited for vertical surfaces.

#### Available Sizes:



#### Certified:



Coverage: 3-5m<sup>2</sup> per litre

## Safetard Liquid

### Brown Coloured Water Based Surface Retarder for Application to Concrete Top Face

Safetard Liquid has been formulated to retard but not kill the set of freshly placed top face concrete that it comes into contact with.

Easily applied, Safetard Liquid is non-hazardous, fully biodegradable and will not discolour concrete that it comes into contact with.

#### Available Sizes:



#### Certified:



Coverage: 3-5m<sup>2</sup> per litre

## Safetard Evaporation R

### Ultra-thin Film Water Evaporation Retarder

Safetard Evaporation R is a blend of specially selected waxes designed to quickly form a thin monomolecular surface film to reduce rapid moisture loss from the concrete surface, caused by difficult environmental conditions prior to curing.

Conditions such as high ambient temperatures, low humidity, high winds and direct sunlight can cause the hydration to be more rapid than the movement of bleed water to the surface.

Safetard Evaporation R provides major assistance helping retain water within the concrete and helps significantly reduce plastic shrinkage and cracking and produce high-quality concrete.

#### Available Sizes:



#### Certified:



Coverage: 10m<sup>2</sup> per litre (once diluted 1:10 with water)

# Adotard MF

## Concrete Surface Retarder Emulsified Paint for Mould Face Treatment

Adotard MF has been formulated to retard but not kill the set of freshly placed concrete, to provide an exposed aggregate finish for concrete or 'keyed' surfaces for subsequent pours or renders.

It adheres firmly to the mould face so it is not displaced during pouring, avoiding un-retarded patches or where clear demarcation between face and exposed aggregate is required. It has an extended retardation period enabling the main body of concrete to achieve higher strength before mould is stripped. It will not discolour concrete that it comes into contact with.

### Available Sizes:



Coverage: 13-15m<sup>2</sup> per litre

# Adotard MF-Pro

## Concentrated Version of Adotard MF Surface Retarder for Deeper Aggregate Exposure

Adotard MF Pro has been formulated to retard but not kill the set of freshly placed concrete, to provide an exposed aggregate finish for concrete or 'keyed' surfaces for subsequent pours or renders.

It adheres firmly to the mould face so it is not displaced during pouring, avoiding un-retarded patches or where clear demarcation between face and exposed aggregate is required. It has an extended retardation period enabling the main body of concrete to achieve higher strength before mould is stripped. It will not discolour concrete that it comes into contact with.

### Available Sizes:



Coverage: 13-15m<sup>2</sup> per litre

# Adotard TF

## Aggregate Exposing Spray on Compound

Once applied to the surface of freshly cast concrete, Adotard TF slows the setting of the cement and helps provide an exposed aggregate finish, either as an attractive architectural feature or as a key for subsequent pours or renders. Adotard TF is a water based compound which is easy to use and apply.

Our standard grade will expose between 3 to 5mm of aggregate, and it will not discolour concrete. It will retard but not kill set of cement therefore accidental contact with reinforcement will not impair bond of reinforcement to concrete nor will local over-application prevent uniform aggregate exposure.

### Available Sizes:



### Certified:



Coverage: 5m<sup>2</sup> per litre

# Resin Flooring, Sealing & Dustproofing

## SafeBlock Seal

### High Performance, Water Based Block Paving & Surface Sealer

SafeBlock Seal is a blend of high performance polyurethanes and acrylic resins formulated for sealing concrete surfaces, blocks and paving.

It forms a film after the evaporation of water. The film is clear and highly resilient.

SafeBlock Seal penetrates and seals paving surfaces to protect against the effects of weathering.

#### Available Sizes:



#### Certified:



Coverage: 5-7m<sup>2</sup> per litre

## Adotuf

### Concrete Surface Hardener & Dustproof

Adotuf is a liquid silicate solution which when applied to cement bound floors case hardens the surface, rendering it dust proof even when subjected to wire brushing.

Adotuf will also impart oil, grease and dilute acid resistance to the floor.

The treated floor becomes more durable and longer lasting and is easier to clean.

#### Available Sizes:



#### Certified:



Coverage: 5-7m<sup>2</sup> per litre

## AdoFloor Seal & Wall Seal

### High Performance Surface Sealer & Water Repellent

AdoFloor Seal polymeric coating provides a clear, tough and water repellent protection to exterior surfaces, such as concrete, natural stone, brick and block paving.

It also binds together surface particles producing a toughened self-cleaning finish and penetrates hair line cracks to provide a flexible seal.

AdoFloor Seal restricts moisture penetration to give excellent resistance to the effects of weathering, atmospheric pollution, and will not yellow after prolonged exposure.

#### Available Sizes:



Coverage: 5-7m<sup>2</sup> per litre

## SafeFloor Seal & Wall Seal

### High Performance, Water Based Concrete Sealer

SafeFloor Seal & Wall Seal are water based and non-toxic blend of high performance polymeric coatings which form a highly durable and protective film on concrete surfaces.

SafeFloor Seal & Wall Seal once applied increases the surface abrasion resistance, provides excellent dustproofing resistance, protects against the effects of weathering and is suitable for both interior and exterior applications.

#### Available Sizes:



#### Certified:



Coverage: 4-6m<sup>2</sup> per litre

## Adotuf Lithium

### Lithium Silicate Solution for Case Hardening & Polishing Concrete Floors

A non-hazardous and environmentally friendly solution of lithium silicate. It is designed for densifying, dustproofing and sealing concrete floors, and is especially suitable for those which are being highly polished afterwards. This penetrating lithium silicate solution chemically reacts with the concrete to produce insoluble calcium silicate hydrate within the concrete pores. Treated surfaces resist damage from water, oil and surface abrasion. This increased surface hardness significantly reduces surface dusting and simplifies cleaning. It also reduces application time and costs of diamond polishing operations to help create a highly glossy concrete floor.

#### Available Sizes:



#### Certified:



Coverage: 10m<sup>2</sup> per litre

## Resoseal

### Polyurethane Resin for Sealing Concrete Floors & Surfaces

Resoseal is an air drying solution of polyurethane resins and wetting agents designed to penetrate into concrete floors filling the surface pores and capillaries.

It dries at ambient temperatures to provide a well bonded, hard wearing sealing coat. Resistant to abrasion, sealed against ingress of fluids and with increased resilience to spillage from a wide range of chemicals.

#### Available Sizes:



Coverage: 5m<sup>2</sup> per litre

## Epomast Ultracoat

### High Performance Epoxy Concrete Sealing Coating

Epomast Ultracoat is a rapid curing, solvent free and protective Epoxy coating. It imparts outstanding resistance to aggressive mineral acids, polar solvents and alcohols. It is a tough, durable and highly abrasion resistant coating which has excellent adhesion to concrete and steel. Epomast Ultracoat has a rapid cure time, even at low temperatures. Typically its used as an internal lining coating for concrete or steel storage tanks / chemical bunds or as a highly chemical resistant coating for floorings and walls typically found in chemical, pharmaceutical or similar industrial environments. The resultant coating is hygienic and easily cleaned and slip resistant options are available too.

#### Available Sizes:



#### Certified:



Coverage: A 5kg pack will treat 8.5m<sup>2</sup> of surface

## Epofloor Seal

### Low Viscosity Epoxy Resin Concrete Floor Densifier & Sealer

Fast drying, solvent based Epoxy resin, which penetrates deeply into the pore structure of concrete or masonry. Epofloor Seal leaves a sealed, surface-hardened, dust proof finish with greatly increased chemical and water resistance. The treated floor will have enhanced abrasion resistance and provides easy to clean surfaces.

The material is easy to mix and apply, and is supplied in a convenient 1:1 volume mix ratio. It is taint free after application, drying and curing. Epofloor Seal is suitable for both indoor and outdoor applications.

#### Available Sizes:



#### Certified:



Coverage: 4-6m<sup>2</sup> per litre

# Screeding

## Crack Repair SFR



### Styrene Free Polyester Bonding Adhesive

Crack Repair SFR is a high strength, fast curing 2 part polyester resin repair system for quickly repairing cracks, surface shrinkage and damage to floor surfaces. Easy to apply and hardens in less than 25 minutes.

#### Available Sizes:

300ml

Coverage: n/a

## Adoscreed Fastpatch



### Rapid & Permanent Repair to Concrete & Masonry Surfaces

High Strength, trowel applied, two component, pre-weighed Epoxy resin patch repair mortar, designed for rapid and permanent repairs to concrete and masonry surfaces.

Adoscreed Fastpatch quickly cures to form a highly durable, abrasion and chemical resistant repair.

#### Available Sizes:

10kg

Coverage: 0.5m<sup>2</sup> at 5mm thickness

## Adoscreed Safeseal PU



### Water Based Concrete Sealer

Non-hazardous, low odour, water based and durable film-forming polyurethane coating designed for curing, sealing, dustproofing and hardening concrete floor surfaces.

Safeseal PU helps increase the surface abrasion resistance, improves the stain resistance and helps protect against the effects of weathering. Suitable for both interior and exterior use.

#### Available Sizes:

5L 10L 20L

#### Certified:

ECO SAFE

Coverage: First Coat 3-5m<sup>2</sup>/litre optional second coat 5-7m<sup>2</sup>/litre

## Screed Primer A



### Acrylic Primer & Adhesion Solution for Concrete Sealing & Repairs

Screed Primer A is designed to improve the adhesive bond of cement-based floor screeds.

A water based milky white dispersion of acrylic polymer designed to give maximum penetration into the base substrate to optimise the adhesion of a freshly applied concrete screed.

#### Available Sizes:

5L 10L 20L

#### Certified:

ECO SAFE

Coverage: Approx 3m<sup>2</sup> per litre

# Screed Cure ER

## Surface Evaporation Retarder & Curing Aid

Applied to a freshly laid screed, Screed Cure ER helps reduce surface moisture evaporation to produce a high quality, crack and dust free concrete surface.

Spray applied to the surface it quickly forms a very thin protective barrier layer on the surface of the fresh screed to help reduce surface shrinkage and prevents dusting and cracking.

### Available Sizes:



### Certified:



**Coverage:** 25-30m<sup>2</sup> per litre

## Bespoke Products

Had a look through the products and can't quite see what you are after?

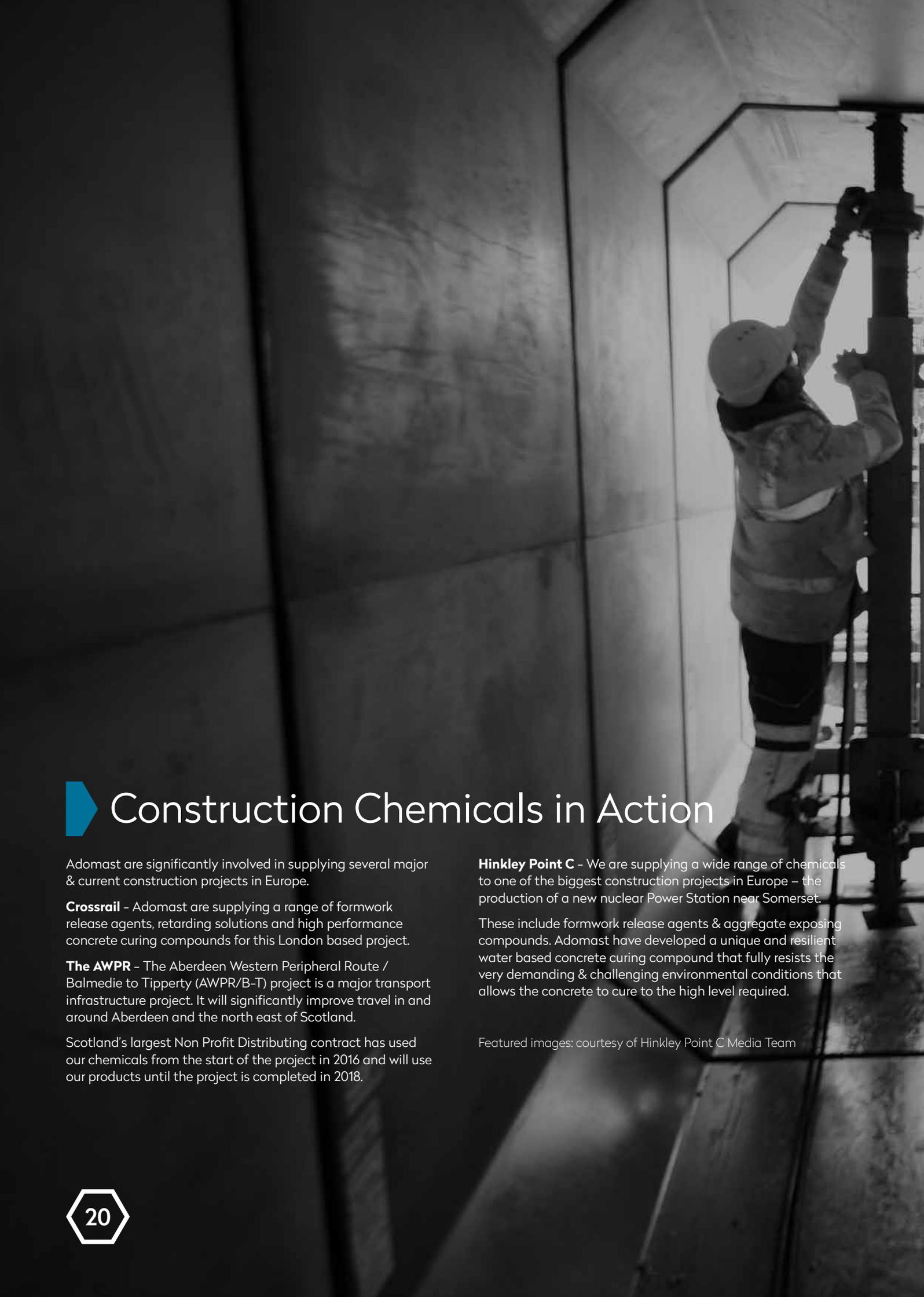
Are you in need of a bespoke solution or want us to offer an equivalent to an existing product in the market?

We can quickly adapt our existing products to suit a specific customer application or specification. We can develop and tailor-make an entirely new product grade to satisfy specific and demanding applications.

Customer's own labelling service available.

Development samples are available & can be shipped first for full customer evaluation.

Contact Adomast for more information today and find out how we can create a bespoke product for you.



## Construction Chemicals in Action

Adomast are significantly involved in supplying several major & current construction projects in Europe.

**Crossrail** - Adomast are supplying a range of formwork release agents, retarding solutions and high performance concrete curing compounds for this London based project.

**The AWPR** - The Aberdeen Western Peripheral Route / Balmedie to Tippetry (AWPR/B-T) project is a major transport infrastructure project. It will significantly improve travel in and around Aberdeen and the north east of Scotland.

Scotland's largest Non Profit Distributing contract has used our chemicals from the start of the project in 2016 and will use our products until the project is completed in 2018.

**Hinkley Point C** - We are supplying a wide range of chemicals to one of the biggest construction projects in Europe - the production of a new nuclear Power Station near Somerset.

These include formwork release agents & aggregate exposing compounds. Adomast have developed a unique and resilient water based concrete curing compound that fully resists the very demanding & challenging environmental conditions that allows the concrete to cure to the high level required.

Featured images: courtesy of Hinkley Point C Media Team



# Construction Repair Mortars

## Epocrack Seal

### Epoxy Resin Sealer for Concrete Crack Repair

Epocrack Seal is a two pack solvent free epoxy repair resin and has been formulated as an extremely low viscosity system for gravity feeding or pressure injecting into fine cracks, voids and fissures in concrete.

The low viscosity allows the system to fully penetrate and thoroughly wet out the surfaces.

Epocrack Seal has a long pot life to assist penetration and provide long usable work time.

Repaired cracks are completely sealed against water ingress, applications include repair of concrete beams, columns, slabs and walls etc.

#### Available Sizes:



#### Certified:



Coverage: 5m<sup>2</sup> per litre

## Resomast Mortar

### Polyester Resin Compound

Resomast Mortar provides the ideal solution in numerous applications involving concrete and masonry repairs, jointing, filling and grouting where rapidly developed high strengths are required.

Resomast Mortar consists of two components, a liquid Resin and Hardener which is an activated filler so it bonds tenaciously to all structural surfaces.

In Resomast Mortar the material can be mixed with a reduced amount of activated filler so as to wet-out the surfaces to be bonded. Packaging includes proportioning cups and an outer plastic container which can be used as a mixing vessel.

#### Available Sizes:



#### Certified:



Coverage: 2kg will fill approximately 1m<sup>2</sup> by 1mm deep

## Fill 'n' Rub

### Ultra-fine Mortar for Filling Surface Blowholes

Fill 'n' Rub provides a handy and practical method of filling blowholes and small surface defects in precast or cast insitu concretes.

The active ingredients enhance the surface characteristics of the concrete, making it more durable and impermeable. This is achieved by the incorporation of hydrophobic additives and a special polymer into a Portland cement mix, increasing the water and chemical resistance.

Fill 'n' Rub is easy to mix and apply, it is supplied to match an average concrete grey colour.

#### Available Sizes:



Coverage: n/a

## Epomast Bedding Grout

### Epoxy Resin for High Performance Repair & Filling

Epomast Bedding Grout is a three pack, pourable resin with excellent chemical, weather resistance and a very high mechanical strength.

It is a combination of formulated resins and specially graded fillers which produce a high performing, free-flowing resin based grout ideal for filling and repairing gap widths between 5 – 40mm. Typically it is used for precision grouting of machine bases, crane-rails, high speed turbines, drop forges, and other operating equipment subject to heavy dynamic loading. Pre-weighed components make Epomast Bedding Grout easy to mix and apply.

#### Available Sizes:



Coverage: Yields 12.5 litres of mixed grout



## Adoplug

### Wall Tie Filler & Sealing Compound

Adoplug is a polymer modified, fibre reinforced, ultra fine cementitious repair mortar designed specifically for plugging tie holes.

It has been designed to impart high strength, low shrinkage and cracking characteristics along with excellent chemical and weather resistance.

When mixed with water it forms a cohesive, easy to apply, shrinkage compensated compound and cures to develop a strongly bonded watertight plug to form an effective seal.

#### Available Sizes:



#### Certified:



**Coverage:** 2 kg will fill approximately 1m<sup>2</sup> by 1mm deep



## Adopatch White/Grey

### Rapid Set Repair Compound

Adopatch is a cementitious powder compound with the inclusion of a polymer to promote adhesion and resistance to the passage of water and a water reducing agent to facilitate a low water : cement ratio.

The mortar sets within minutes and develops compressive strengths within hours in excess of fully cured concrete.

Adopatch is available in white and grey colours, so they can be blended to match most shades of concrete.

#### Available Sizes:



#### Certified:



**Coverage:** 2 kg will fill approximately 1m<sup>2</sup> by 1mm deep



## Epomast Mortar

### Epoxy Resin Based Repair Mortar

A cementitious powder compound blended with an epoxy resin to create a high strength, high chemical resistant, waterproof, low slump repair mortar.

Epomast Mortar has been developed to produce a repair mortar that has excellent abrasion resistance and durability, has virtually no shrinkage and offers excellent adhesion to most building surfaces, whether they be on the horizontal, vertical or even inverted.

Typical applications include bedding in of fixing bolts and dowels, bridge bearing pads and repair and resurfacing of stairs.

#### Available Sizes:



#### Certified:



**Coverage:** 2kg will fill approximately 1m<sup>2</sup> by 1mm deep



## Epotac

### Epoxy Resin Based General Purpose Adhesive

Epotac is a two pack epoxy resin based low viscosity adhesive.

Possessing extremely high mechanical strengths, excellent resistance to a wide range of chemicals and high bonding strength to most building surfaces.

It has built in flexibility which enables it to accommodate normal thermal movement in concrete without loss of adhesion.

Applications include a primer system for screed coatings, vapour and chemical resistant coatings and can be formed into bonding, pastes, grouts and mortars when combined with suitable fillers.

#### Available Sizes:



#### Certified:



**Coverage:** 5m<sup>2</sup> per kg

# Construction Repair Mortars

## Hi-Flow Grout

### Pourable Mortar for High Performance Construction Fixings

Hi-Flow Grout is a non-shrink, high strength cementitious grout. Which has been specifically designed for ease of pouring into and under stanchion plates, machine base plates, parapet rails, for supporting bridge bearings and for filling ducts in post tensioned and pre-stressed structures.

It can be used for grouting sections up to 100mm thick. Hi-Flow Grout is chloride free, and has excellent mechanical properties, chemical resistance and achieves a very high ultimate strength.

It's high fluidity means it can be applied by pouring or pumping.

#### Available Sizes:



Coverage: n/a

## Concrete Primer A

### Acrylic Solution for Primer Coating Porous Construction Surfaces

Concrete Primer A is a milky white dispersion of acrylic polymer, designed to penetrate into the porous substrate in order to enhance the adhesion of concrete repair mortars or other cementitious based repair materials. It is a water based compound which is safe and non-hazardous to use.

It has excellent adhesion to a wide range of substrates and will reduce the risk of bond failure. It will also reduce suction from porous concrete, helping prevent rapid drying of applied repair material.

#### Available Sizes:



#### Certified:



Coverage: 3-5m<sup>2</sup> per litre (once diluted with water)

## Epomast Fastpatch

### Epoxy Resin for Rapid Repairs to Concrete & Masonry Surfaces

A high strength, trowel applied, two component Epoxy resin for rapid & permanent repairs to concrete and masonry surfaces. It is a blend of Epoxy resin and graded aggregate. The mixed material is applied to a suitably prepared surface, and quickly cures to form a durable, high strength, abrasion and chemical and weather resistant compound, with negligible shrinkage.

Targeted for repairs to spalled or damaged concrete, chemical bunds, bedding pre-cast concrete beams, nosings on expansion joints and floor repairs. It is supplied as easy to use pre-weighed components & a small range of colours are available for more accurate appearance matching.

#### Available Sizes:



Coverage: 5kg pack yield 2.5 litres of material

## Adopatch HP

### High Performance Rapid Setting Repair Mortar

Adopatch HP is a pre-blended, rapid setting structural cementitious repair mortar, designed for hand applied concrete repair where a rapid return to service and a moderate high strength is required.

Contains acrylic copolymers and polypropylene fibres to resist cracking, shrinking and to ensure an extremely high bond in wet conditions and to provide high build qualities. When mixed with water it produces a putty like mortar with an excellent wash out resistance. It can be used for the repair of highway structures, viaducts and reinforced concrete. It also can be used in tidal and wet conditions but care taken to avoid placing the mortar under water.

#### Available Sizes:



Coverage: n/a

## Easiflow Rapid Set

### Rapid Set Flowing Repair Concrete

Easiflow Rapid Set is a pre-blended, pourable, high strength, rapid setting shrinkage compensated concrete.

It is designed for the structural repair of concrete carriageways, runways, bridge decks, track beds and bedding in precast concrete and metal works.

Easiflow Rapid Set is a single component, high strength, repair concrete which is easy to use. Its initial set is 15-25 minutes at 20 degrees C. Minimum application thickness is 15mm. Class 4 Structural repair to BS EN 1504-3.

#### Available Sizes:



Coverage: n/a

## Easiflow Concrete

### Flowing Repair Concrete

Easiflow Concrete is a blend of low alkali Portland cements, micro silica and other cementitious binders combined with high purity limestone and a system of compatible admixtures.

It is designed for the structural repair of concrete structures, including highway and marine constructions. Repairs include bridge columns and beams, parapets, soffits, abutments, retaining walls and bridge decks.

Easiflow Concrete is a single component, high strength, repair concrete which is easy to use. It is pourable, low shrink, self compacting concrete. Its low permeability prevents ingress of chlorides, acids gases and waste. Class R4 Structural Repair Concrete BS EN 1504-3.

#### Available Sizes:



Coverage: n/a

## Easiflow Concrete CP

### Flowing Repair Concrete with Cathodic Protection

Easiflow Concrete CP is a blend of low alkali Portland Cements, micro silica and other cementitious binders combined with non-reactive aggregates suitable for use alongside cathodic protection systems.

It is a low shrink, non bleed, high strength repair concrete.

It can be used in the repair of defective concrete and the repair of highway structures to HA specification i.e. bridge columns and beams, parapets, soffits, abutments and retaining walls and bridge decks. Minimum application thickness is 12mm and maximum 200mm. Class 4 Structural Repair to BS EN 1504-3.

#### Available Sizes:



Coverage: n/a

## Steel Primer

### Cementitious Priming Compound

Steel Primer is a pre-blended powder containing acrylic polymers and powerful anti-corrosion agents in a cementitious base.

It has been designed as a bond enhancing coating for priming corroded steel reinforcement prior to the application of an Adomast concrete repair material. The application of the steel primer ensures both maximum protection of the steel and full compatibility with the rest of the reinforced concrete.

Steel Primer is easy to use and is designed to match the electrical resistivity of structural concrete. It will not form a barrier to electrolyte migration and is suitable for cathodic protection works. BS EN 1008.

#### Available Sizes:



Coverage: n/a

# Construction Repair Mortars

## High Build Mortar



### Patch Repair Mortar

High Build Mortar is a cementitious, low density, high build patch repair mortar incorporating polypropylene fibres.

It is a low shrinkage, polymer modified, rapid curing, hand applied concrete repair where a rapid return to service is required.

High Build Mortar contains acrylic copolymers and polypropylene fibres to resist cracking, shrinking and to ensure an extremely high bond in wet conditions and to provide high build qualities. It can be used on overhead and vertical surfaces which require repair. Class R2 BS EN 1504-3.

#### Available Sizes:

25kg

Coverage: n/a

## Floor Levelling Compound



### Cement Based Self-smoothing Underlayment

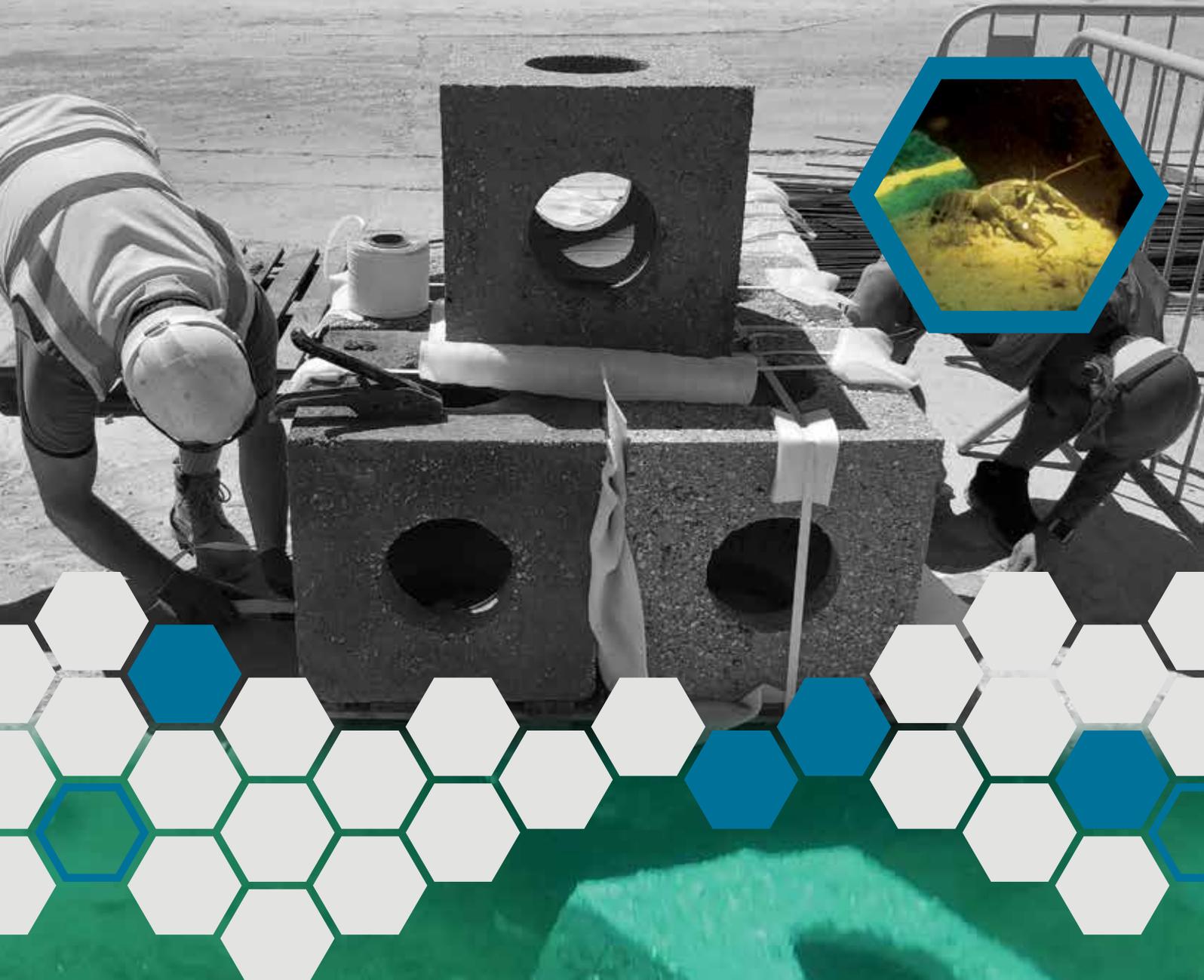
Floor Levelling Compound is a Portland cement based self-smoothing underlayment designed for use as a levelling compound.

It is a blend of cements, fine silica sand and additives designed to improve the application and setting properties of the material.

#### Available Sizes:

25kg

Coverage: 3m<sup>2</sup> at 5mm thick / 5m<sup>2</sup> at 3mm thick



## ▶ WRAS Approved in Action

Adomast have for several years manufactured a range of construction chemicals which have been independently tested and complied with the requirements set out in BS 6920, and have been given approval by WRAS, for their use around and contact with potable water.

Our WRAS approved release, curing agents and retarders have been used on the new Queensferry Crossing, Aberdeen Pier and many high profile contracts where concrete is being used around marine life and local flora and fauna where the effect on the environment is paramount.

Adomast have now teamed up with Tom Birbeck and James Doddrell of ARC Marine, utilising our products for the manufacturing of artificial reefs using marine friendly concrete. Founded in 2015, ARC Marine is the first ecological engineering company of its type in the UK and its main objective is to

repair and regenerate damaged marine habitats by producing ecologically and marine friendly reef cubes from precast concrete.

Ark sites are being developed in order to conserve the endangered white clawed crayfish in the UK from the American signal crayfish which carries a deadly plague. Our UK crayfish have been spotted only nine months after the reef cubes were deployed, inhabiting the concrete reefs. The reefs also provide food and shelter for marine flora and fauna and provide nursing/spawning grounds for aquatic species.

Adomast are very proud to be part of Tom and James plans for saving our marine environment, more information can be found on [arcmarine.co.uk](http://arcmarine.co.uk)

Featured images: courtesy of ARC Marine

# Cleaners & Maintenance Products

## Styroklen

### Solvent Emulsifier for Expanded Polystyrene

Styroklen is a specially formulated solvent developed to safely dissolve away and emulsify unwanted polystyrene box outs, void formers and inserts.

#### Available Sizes:



Coverage: n/a

## Resoklen

### Cleaning Solvent for Resin Based Products

Resoklen is a specially formulated solvent for cleaning resin based products from tools and equipment before the resin has hardened, and for removing any residual release agent from formwork.

#### Available Sizes:



Coverage: n/a

## Ado SafeClean

### Concrete Remover for Plant and Tools

Ado SafeClean is a new product developed to replace traditional highly corrosive, strong mineral acids to facilitate the safe and non-hazardous cleaning and removal of dry hardened concrete, efflorescence and tar deposits from most surfaces without damaging or corroding the surface.

#### Available Sizes:



#### Certified:



Coverage: n/a

## Ado Graffiti Clean

### Specialist Graffiti Cleaner / Remover

A new blend of solvents designed as a high performance solvent based paint remover. It will remove freshly applied and long-term applied paint from concrete and other similar surfaces. It is a biodegradable solvent that works best as supplied but can be diluted to create water soluble cleaning products.

#### Available Sizes:



#### Certified:



Coverage: n/a

## Degreasant

### Emulsifiable Solvent Degreaser

A blend of petroleum distillates and selected non-caustic surfactants designed to remove oil, grease, wax, bitumen and other extraneous materials from a variety of surfaces. It is suitable for use on concrete, stone, wood, steel, terrazzo and many other surfaces. The solubilised contaminants can then be removed easily as an emulsified solution by washing off with water or wiping with a wet cloth.

#### Available Sizes:



Coverage: 3-5m<sup>2</sup> per litre

## Ado Oil Clean

### Oil & Grease Surface Cleaner

Ado Oil Clean is a new product designed as a high performance surface cleaner.

It will remove oil and grease stains from concrete flooring.

Ado Oil Clean is a biodegradable solvent that works best as supplied but can be diluted to create water soluble cleaning products.

#### Available Sizes:



#### Certified:



Coverage: n/a

## Scafclean

### Cleaning & Preservative for Scaffolding Clips & Fittings

Scafclean has been formulated to be used in the cleaning of scaffold and other fittings. It quickly frees rusted threads to allow easy movement and leaves a light oily residue to reduce rusting in storage and use.

#### Available Sizes:



Coverage: 3-5m<sup>2</sup> per litre

## Deactivator

### Plant and Equipment Protective Compound

Deactivator is a blend of fatty acids dispersed in a vegetable oil base and is used to prevent concrete build up on plant and machinery via the formation of calcium soaps which act as a barrier protective layer when in contact with cementitious material.

#### Available Sizes:



#### Certified:



Coverage: 3-5m<sup>2</sup> per litre

## Adoclean

### Brick Acid, Concrete Cleaner / Remover

Adoclean is a selected blend of inorganic acids for the removal of mortar splashes from brickwork and rust from a wide range of surfaces.

Ferrous metal objects treated with Adoclean are left with a lightly phosphated surface providing added protection against further rusting.

#### Available Sizes:



Coverage: n/a

## Adoclean Patio & Path

### Cleaner for Blocks, Paving and Concrete

Adoclean Patio & Path is a blend of dilute acids developed for the removal of stains, grime, rust, algae and limescale from a wide range of paving surfaces.

#### Available Sizes:



Coverage: n/a

## Adowash

### Solvent Based Cleaner for Application Sprayer

Adowash has been developed for the cleaning of sprayers and other equipment that has been used with film forming resins or oil based mould release agents. It helps prolong the life of the sprayer and other valuable equipment and ensures that the proper spray patterns and dose rates are adhered to.

#### Available Sizes:



Coverage: n/a

## Adobrite

### Hard Surface and Vehicle Cleaner

A light amber free flowing liquid formulated to be used on all hard surfaces, including metals. Designed to be diluted 1 part Adobrite to 5 parts water when used through pressure washers. Safe to the environment which makes it ideal for situations where splashes could adversely affect plants, ponds etc. Classified as non-hazardous according to the CHIP 2 regulations, thus increasing the safety of the user.

#### Available Sizes:



Coverage: n/a

# Cleaners & Maintenance Products

## Resothin

### Solvent Thinners for Reducing the Viscosity of Adoseal & other Resins

Resothin is a specially developed solvent thinner for reducing the viscosity of Adoseal formwork coating.

It is designed for use where slight thickening of Adoseal has occurred or where a lighter initial coat is required.

For example if the treated surface has a low porosity. An addition of up to 10% Resothin to Adoseal should be made.

#### Available Sizes:



**Coverage:** Dilution Ratio up to 1:1 with resin compound

## Adosafe Clean Gel

### Powerful Gel based Cleaning Compound for Removal of Rust and Efflorescence

Adosafe Clean Gel is a powerful acid based cleaning compound. Developed to replace traditional highly corrosive, strong mineral acids to facilitate the safe, non-hazardous cleaning and removal of dry & hardened concrete, efflorescence and tar deposits from most surfaces without damaging or corroding the surface.

It is supplied in a gel form so it can be applied and bond to vertical surfaces without sagging, allowing it to penetrate and clean the surface more effectively and efficiently. It is non corrosive on metals & coatings, and is suitable for use on stone, tiles and other porous substrates.

#### Available Sizes:



#### Certified:



**Coverage:** 2-4 m<sup>2</sup> per litre

## Adowash Acticide

### Cleaning Solution to Remove & Protect Construction Surfaces against Bacteria, Mildew & Mould

Adowash Acticide has been formulated to ensure effective elimination of microbial contamination from a variety of construction surfaces. It is a low odour solution that is stable over a wide ph range and provides protection against a wide range of bacteria, mildew, mould, fungi and algae.

Adowash Acticide is supplied as a ready to use solution. It is also suitable as a disinfectant and sterilizing cleaner for the maintenance or pre-decoration cleaning of masonry, brick, concrete, timber plaster or paintwork.

#### Available Sizes:



**Coverage:** 8-10 m<sup>2</sup> per litre

## Adosolve

### Cleaning Solution for Removal of Bitumen Oil & Grease from Most Porous Construction Surfaces

Adosolve is a non-caustic based, powerful solvent emulsion designed to remove oil, grease, wax, bitumen and other materials from a variety of porous construction surfaces. It can be used on concrete, stone, wood, steel, terrazzo and many other surfaces.

It can be diluted with water or spirit based materials. Easy to apply, Adosolve quickly breaks down and removes oily or waxy contaminants and will clean to a deep level due to its excellent penetration properties.

Once a surface is cleaned any cleaning residue is easily removed by flushing with water.

#### Available Sizes:



**Coverage:** 3-5m<sup>2</sup> per litre

# Resin Repair & Adhesives

## Adofix & Adofix Rapid

### Polyester Based Masonry / Brick Slip Bonding & Repair Resin

A two part bonding resin for general purpose repair and adhesion work which is very easy to mix and apply. Small amounts can be readily mixed to suit and it is a solvent free system. Designed primarily for the decorative brick industry for use on lintels, chimneys, arches and brick slips but is also fully suitable for general crack repair and as well as bonding masonry etc., together or to other surfaces. The resin is a fast cure system with gel times being less than 1 hour & Adofix Rapid is faster still with less than 30 minute gel times & primarily used for emergency repair. The resulting bond strength for both is generally higher than the material it is bonding together.

#### Available Sizes:

1.2kg

5kg

**Coverage:** See data sheet (online) for details

## Adobond PVA

### Multipurpose Adhesive

Adobond PVA is a concentrated viscous emulsion based on polyvinyl acetate which dries completely colourless.

Provides an excellent bond for most common building materials providing at least one of the materials bonded is porous.

Adobond PVA can be used to bond all types of wood, veneer and hardboard either to themselves or to other materials.

It can also be used to repair holes and cracks in all cementitious mixes.

#### Available Sizes:

5L

20L

25L

#### Certified:

SAFE

**Coverage:** n/a

## Adobond SFR

### Cartridge Based Two Part Styrene Free Polyester Bonding Adhesive

A high strength, chemical resistant, fast curing anchoring system for bonding either masonry to masonry or for bonding other construction components, such as metal pipework to masonry, brick or pipework etc.

Due to the conical mixing spiral dispensing tube supplied it is easy to apply Adobond SFR in small and controlled amounts to the bonding surface.

#### Available Sizes:

300ml

#### Certified:

CE

**Coverage:** See data sheet (online) for details

## Adobond SBR

### Latex Bonding Agent & Surface Primer & Sealer

Adobond SBR is a styrene-butadiene emulsion which offers excellent adhesion to concrete, brickwork masonry, renders and steel.

It also imparts excellent waterproof and weather resistant properties.

Applications include waterproofing basement structures, underlying levelling screeds, wear resistant flooring or in concrete repairs.

It can also be used as an admixture to improve flexibility, tensile strength and reduce shrinkage.

#### Available Sizes:

5L

20L

25L

205L

IBC

#### Certified:

SAFE

**Coverage:** See data sheet (online) for details

# Resin Repair & Adhesives

## Epomast Epobond

### Epoxy Adhesive for Bonding New Concrete Surfaces to Old

A high performance two pack epoxy adhesive system, ideal for structural bonding of fresh concrete or mortar. It will also help improve resistance to damp penetration. Its extended open time makes it especially suitable for bonding cementitious based floor topping.

Typical applications of Epobond include; bonding new concrete to old, bonding cementitious floor screeds or bonding repair mortars to reinforced concrete.

Epomast Epobond is supplied as a pre-weighed two pack system which are simply mixed together. It has a pot life in-excess of 60 mins.

#### Available Sizes:

3.3kg

Coverage: Up to 20m<sup>2</sup>

## Resomast Putty

### Polyester Paste for Filling Shallow Cavities

A light coloured, thixotropic polyester resin based paste, developed for bonding brick slips and heavy tiles, jointing concrete pipe spigots, filling locating slots in fixing brackets.

Resomast Putty can be applied to any surface and will be set in 20 – 40 minutes and in a majority of cases will develop bond strengths stronger than the concrete within one hour.

It provides high levels of waterproofing and is also highly resistant to a wide range of chemicals. Suitable for use in temperatures approaching freezing point.

#### Available Sizes:

1.2kg

5kg

Coverage: n/a

## Hardener Tubes

### Colour Coded Chemical Resin Catalyst Tubes

Di benzoyl peroxide catalyst paste (hardener) for use with our Adofix, Adofill and Resomast putty.

Available in 50gm tubes in either white or red, for mixing with the various colours of Adofill available.

Can also be used with our body filler and bridger compounds.

#### Available Sizes:

50g

Coverage: n/a

# Waterproofing & Roofing

## Adocoat Bitumen Paint Primer



### Solvent based Bitumen Surface Primer Coating

A high quality, deep penetrating, bituminous paint for priming surfaces prior to the application of bituminous materials, coatings and / or flashing tapes.

The heavy duty formula makes it ideal to prime concrete roofs and floors, cementitious screeds / renders, bitumen felt, weathered bitumen, mastic asphalt, weathered, corrugated iron and steel.

#### Available Sizes:



Coverage: 6-8m<sup>2</sup> per litre

## Aluminium Paint for Roofs



### Highly Concentrated Silver Pigmented Bituminous UV Protective Coating

It is a well established, economical, highly flexible, solar reflective coating suitable for application to bitumen based roofing felt. It imparts excellent durability and protection against UV degradation and weathering to the roof.

Particularly suitable where bituminous exteriors, exposed steel and corrugated iron surfaces that are directly exposed to sunlight. It creates a brilliant silver finish that is highly weather resistant. It is also suitable for use on roofs that are subject to standing rain water. Aluminium Paint for Roofs can also be used to protect general steel work and sewer pipes.

#### Available Sizes:



Coverage: 10m<sup>2</sup> per litre

## Adocoat Felt Adhesive



### Bitumen Based Adhesive for Bonding Waterproof Felts

Adocoat Felt Adhesive is a cold applied, black oxidised bitumen based adhesive used to impart a very high bond strength for bonding felt to itself, concrete, asphalt, metal, wood and similar surfaces.

It is also suitable for use as a cold gritting solution for bonding chippings to final layer of felt.

#### Available Sizes:



Coverage: 2-3 m<sup>2</sup> per litre

## Patination Oil

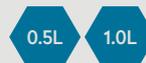


### Protective Film Coating for Application to Exposed Lead Surfaces

An easy applied, lead surface treatment which quickly forms a hard-wearing resin that prevents lead carbonate from forming on the surface of lead sheet and additionally helps prevent staining to adjacent building materials.

Patination Oil is designed for use on lead roofing, flashings and cladding to give a uniform, attractive appearance where the lead is visible. It is also necessary when water flowing from the Lead Sheet surface may come into contact with other visible building materials.

#### Available Sizes:



Coverage: 50m<sup>2</sup> per litre

# Waterproofing & Roofing

## Adocoat Bitumen Paint



### Bitumen Based Waterproofing Paint

Adocoat Bitumen Paint is a high bitumen content and a high performance solvent based protective coating.

It is readily applied and imparts excellent adhesion to a wide variety of surfaces.

The paint provides an effective waterproof, weatherproof, corrosion resistant protective coating for steelwork, concrete and potable water tanks.

It is resistant to low concentrations of alkalis, acids and can withstand prolonged oxidation.

#### Available Sizes:



Coverage: up to 10m<sup>2</sup> per litre

## Adocoat LAC



### Liquid Asphaltic Based Compound for Waterproofing

Bitumen based compound for application as a damp proof membrane in solid floor construction, sandwiching damp proof membranes under concrete and roof screeds, external waterproofing to buried concrete or as a tanking membrane.

Adocoat LAC can be used all year round. Adocoat LAC is not recommended for use in exposed applications.

#### Available Sizes:



Coverage: 1.5-2.5m<sup>2</sup> per litre

## Adocoat



### Bitumen Rubber Latex Waterproof Coating

Adocoat is an alkali resistant cold applied rubberised bitumen emulsion which imparts excellent adhesion to sound building materials, including asphalt and retains its flexibility in low temperatures while being resistant to softening in warm conditions.

Adocoat is used to provide a flexible waterproof membrane on most building surfaces.

#### Available Sizes:



Coverage: 1.0-1.5m<sup>2</sup> per litre

## Adoguard HD



### Surface Waterproofing & Anti-Graffiti Treatment

Adoguard HD is a custom blend of speciality water based polymers and technologies to create a combined protective surface treatment offering water, oil / soil repellence and anti-graffiti protection.

Adoguard HD has been designed for use on concrete, brick, stone and other porous surfaces.

#### Available Sizes:



#### Certified:



Coverage: 3-5m<sup>2</sup> per litre

## Adocoat C40B4

### K-140 Bitumen Emulsion Tack Coat

C40B4 (K1-40) is a conventional cationic bitumen emulsion which complies with grade K1-40 of BS 434-1 and grade C40B4 of BS EN 13808.

It has been designed as a tack coat for use in the construction and repair of pavements, driveways, roads and highways.

C40B4 is a rapid setting emulsion, primarily designed to provide an adhesive bond between existing surfaces and bituminous overlays e.g. hot rolled asphalt, macadam and slurry seals, or between courses in road construction.

#### Available Sizes:



#### Certified:



Coverage: 0.5-2m<sup>2</sup> per litre

## Adocoat C60B4

### K-160 Bitumen Surface Dressing & Patching Compound

Adocoat C60B4 (K1-160) is a cationic bitumen emulsion which complies with grade C60B4 of EN 13808:2005.

Adocoat C60B4, because of its higher bitumen content, is generally used for surface dressing, patching, re-tread and other similar applications.

#### Available Sizes:



#### Certified:



Coverage: 0.8 -1.5 m<sup>2</sup> per litre

## Aquabar

### A Flexible Hydrophilic Strip which Expands and Seals When Wet

Aquabar is an expanding hydrophilic waterstop. It has been developed for use in concrete structures at construction and other joint locations, where the expansion of the Aquabar fills any minor voids in the concrete surrounding the water bar, preventing the passage of water across the plane of the joint. It is flexible and with its rectangular section, installation on site is simple, even around corners. Unlike other methods it requires no site welding at corners or intersections. Aquabar is easily kneaded together to give continuity through the longest lengths. An ecological and user friendly product that is easy to install by use of either gun-nailing or gluing with Aquabar Mastic.

#### Available Sizes:



#### Certified:



Coverage: 10mm or 20mm of 7 & 10 metre reels – Pack Size 80m per box

## Aquabar Mastic

### PU Based Swell Mastic & Adhesive

Aquabar Mastic is a one-component swelling waterstop sealant that, expands on contact with water. Prior to expansion, Aquabar Mastic is suitable for bonding to a wide variety of substrates including concrete, rock and metals.

Once applied it acts as a high performance water proofing seal for precast applications such as storage reservoirs and utility vaults. Aquabar Mastic is supplied as a gun-grade form and is easy to handle and supply. It expands up to two times in volume following contact with water.

It is moisture-cured to form a tough hydrophilic rubber elastomer, which protects against joint movement or concrete shrinkage.

#### Available Sizes:



#### Certified:



Coverage: 310ml Cartridge Pack Size 24 per box

# Waterproofing & Roofing

## Metwash Premium Hand Cleaner



### Hand Cleaner for Removing Metal Contaminants from Skin

Powerful, biodegradable & environmentally safe hand wash for metalworkers, formulated to clean and remove all metal residue from soiled skin and keep it moisturised to prevent the skin from irritation, cracking & chapping.

Available Sizes:

500ml

Certified:



Coverage: 10 per box

## Metwash Gel Hand Cleaner



### Hand Cleaner for Removing Metal Contaminants from Skin

Viscous gel based hand cleaner designed for those working with and handling metal sheets.

Formulated to clean and remove all metal residue from soiled skin and keep it moisturised to prevent the skin from irritation, cracking & chapping.

Available Sizes:

5L

Certified:



Coverage: n/a

## Metwash Station



### Metwash Wipe Station

Floor Standing Station containing Metwash hand cleaning wipes on a roll with 500 sheets per roll.

Designed for cleaning and removal of any metal contamination from hands – for companies where the handling of metal sheeting is necessary.

Available Sizes:

Certified:



Coverage: 500 sheets per roll

## Adowipe Station



### Anti-Bacterial Hand Wipe Station

Floor Standing Adowipe Station containing Anti-Bacterial hand wipes on a roll with 500 sheets per roll designed for ease of use.

Available Sizes:

Certified:



Coverage: 500 sheets per roll

# Waterproofing & Roofing

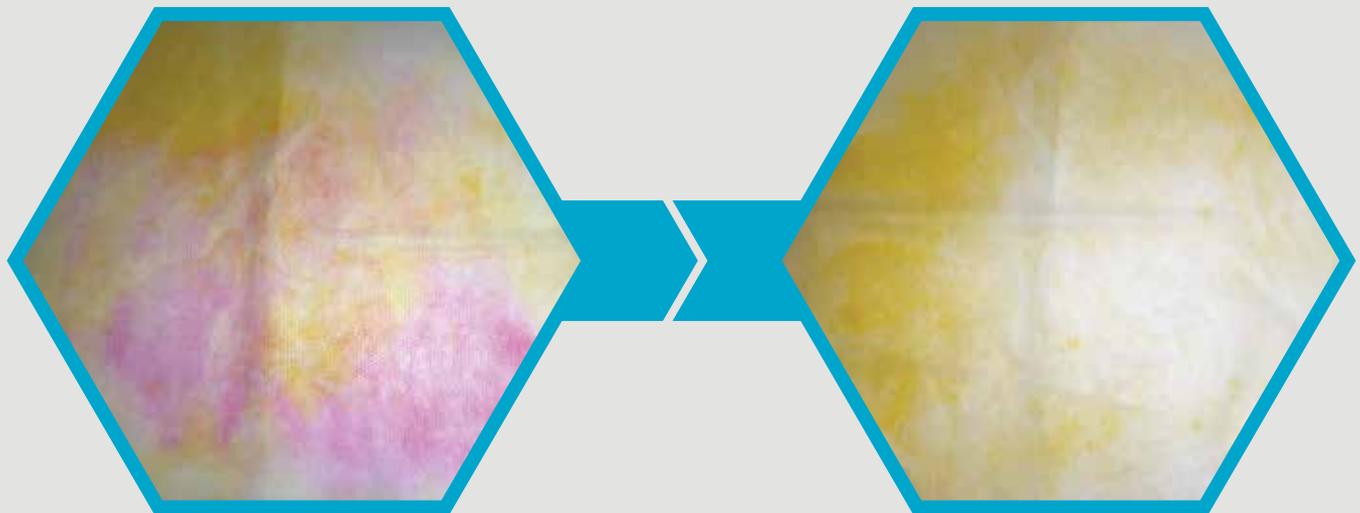
## Use of Metwash within a Lead-in-blood control programme.

The Company embarked on a comprehensive Lead-in-blood (LIB) reduction programme which has achieved a reduction in average employee LIB levels from 32.3µg/dl in 2012, to 15.4µg/dl in 2018.

The use of Metwash, for handwashing and showering, was one of a series of measures that were put in place to help achieve the reduction in LIB levels.

The following photographs demonstrate the superior Lead-removal capabilities of Metwash when compared to ordinary hand soap.

Employees were asked to wipe a “wet-wipe” on their skin which is then sprayed with a disclosing solution. The solution indicates the presence of Lead by changing colour to red. The more Lead that is present shows as a deeper red colouration.



Washing using ordinary liquid hand soap

Washing using Metwash liquid soap

# Complementary Products

## Adobreak

### Dowel Bar De-Bonding Paint

A bituminous / asphalt based compound which will harden on dowel bars to form a thin plastic sheath, which after casting of concrete will allow the dowel bar to completely break bond with the concrete and allow easy removal.

Available Sizes:  

Coverage: 1.8-3.6m<sup>2</sup> per litre

## Adocoat C40B4

### K-140 Bitumen emulsion tack coat

It is a conventional cationic bitumen emulsion which complies with grade K1-40 of BS 434-1 and grade C40B4 of BS EN 13808. Designed as a tack coat for use in the construction and repair of pavements, driveways, roads and highways. It is a rapid setting emulsion, primarily designed to provide an adhesive bond between existing surfaces and bituminous overlays e.g. hot rolled asphalt, macadam and slurry seals, or between courses in road construction.

Available Sizes:   Certified: 

Coverage: 0.5-2m<sup>2</sup> per litre

## Adocoolant

### High Efficiency Thermal Coolant for Torch Welder Re-circulation Systems

A highly efficient, thermally stable, water based heat transfer torch coolant for all welder applications, including plasma arc and tungsten inert gas welding systems. It's corrosion inhibitors help protect any iron, steel, aluminium, brass and copper components and help eliminate the hazards of damaging mineral deposits, which can build up during the process. Adocoolant helps extend the time between maintenance by lubricating pumps, liners, gaskets and seals.

Available Sizes:      Certified: 

## Anti-freeze

A glycol based concentrate suitable for use as an engine coolant and antifreeze.

Suitable to be used all year round as an engine coolant with operating temperatures down to -35°C.

Available Sizes:     

Coverage: n/a

## Adocoat C60B4

### K-160 Bitumen Surface Dressing & Patching Compound

Adocoat C60B4 (K1-160) is a cationic bitumen emulsion which complies with grade C60B4 of EN 13808:2005.

Adocoat C60B4, because of its higher bitumen content, is generally used for surface dressing, patching, re-tread and other similar applications.

Available Sizes:   Certified: 

Coverage: 0.8 -1.5 m<sup>2</sup> per litre

## Sprayers

### 8 litre basic pump sprayer

Standard plastic pump sprayer with GRP lance and lance sprayer nozzle, complete with adjustable shoulder strap.

### 6 litre professional plastic & metal pump sprayers

Professional pump sprayers in both plastic and metal both with quality brass lance and interchangeable brass nozzles.

### 16 & 20 litre plastic knapsack pump sprayer

Standard plastic knapsack pump sprayer with GRP lance and plastic sprayer nozzles, complete with adjustable shoulder straps.



Whatever your requirements Adomast are happy to talk you through any of our products, anytime

Adomast  
Allsdair McQueen

Adomast 

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